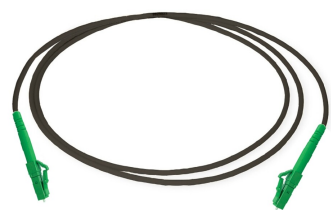


# FID-LG-070M-01A-LG



Fiber Optic Indoor/outdoor 3 mm Drop Cable Assembly, LC/APC-LC/APC, 70 M

## Product Classification

Regional Availability	EMEA
Product Type	Fiber drop cable assembly
Product Series	FID
Ordering Note	For custom cable assembly lengths, please contact your local CommScope representative

## General Specifications

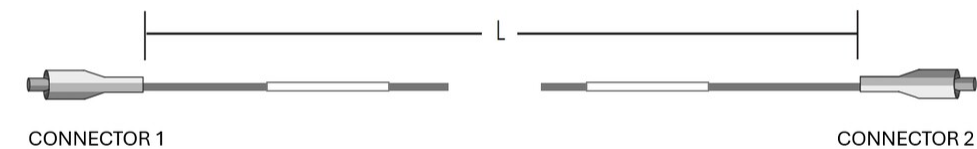
Cable Type	Stapleable - Round
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	LC/APC
Interface Feature, connector A	Male
Interface, Connector B	LC/APC
Interface Feature, connector B	Male
Jacket Color	Black
Total Fibers, quantity	1

## Dimensions

Cable Assembly Length	70 m   229.659 ft
Cable Outer Diameter	3.0 mm (0.12 in)

## Dimension Drawing

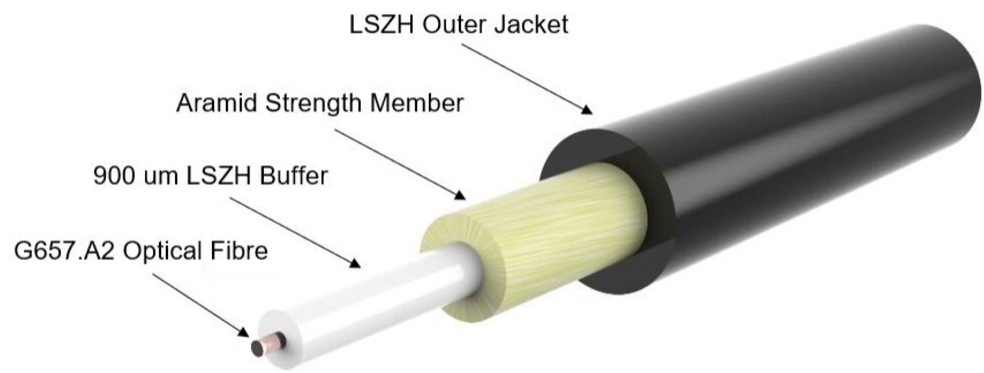
# FID-LG-070M-01A-LG



## Ordering Tree



## Representative Image



## Material Specifications

# FID-LG-070M-01A-LG

Jacket Material	Low Smoke Zero Halogen (LSZH)
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## Mechanical Specifications

Minimum Bend Radius, loaded	50 mm   1.969 in
Minimum Bend Radius, unloaded	30 mm   1.181 in
Tensile Load, long term, maximum	30 N   6.744 lbf
Tensile Load, short term, maximum	100 N   22.481 lbf
Cable Crush Resistance, maximum	10 N/mm   57.101 lb/in

## Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Insertion Loss, maximum, connector A	0.25 dB
Insertion Loss, maximum, connector B	0.25 dB
Return Loss, minimum, connector A	60 dB
Return Loss, minimum, connector B	60 dB

## Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
Environmental Space	Indoor/Outdoor
Jacket UV Resistance	UV stabilized
Qualification Standards	IEC 60794-1-2

## Packaging and Weights

Packaging quantity	1
Weight, net	0.68 kg   1.499 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>

# FID-LG-070M-01A-LG

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ROHS

UK-ROHS

Compliant

Compliant



## Included Products

810010113/DB  
C-001-DN-8G1-M01BK/30D/D-UK00

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Indoor/Outdoor Fiber Optic Drop cable, 1 Fiber G657 A2 0.9mm tight buffer. Breaking load Max 2000N. Suitable for installation under overhead power lines  $\leq 11\text{kV}$ , vertical clearance  $\geq 1.8\text{m}$ .